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TRANSMITTAL FORM		Patent Number	6,783,931	6,783,931 13		
		Issue Date	08/31/200	08/31/2004		
		First Named Inventor	Phillip Dar	Phillip Dan Cook		
the he wood for all parrograndeness after to the Lift was		Title		OLIGONUCLEOTIDES BEARING ALKYLAMINO AND ALKYLENEGLYCOL SUBSTITUENTS		
(to be used for all correspondence after initial filing)		Attorney Docket Number	ISIS-1169			
Total Number of Pages in This Submission -						
ENCLOSURES (Check all that apply) After Allowance Communication to TC						
Fee Transmittal Fo	declaration(s)		Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Address		Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please Identify below):	
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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO.

: 6,783,931 B

DATED

: 08/31/2004

INVENTOR(S) : Phillip Dan Cook et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

1) Title Page:

Item [56], References Cited, OTHER PUBLICATIONS, "Englisch" reference, please insert -- Int. -- between "Chem." and "Ed.";

- 2) Column 44, Claim 16, line 19, please delete "of said pentofuranosyl sugar";
- 3) Column 44, Claim 16, line 20, please insert -- of said pentofuranosyl sugar -- between "5'-O-position" and "a subtituent".

MAILING ADDRESS OF SENDER:

PATENT NO. 6,783,931

Isis Pharmaceuticals, Inc. 1896 Rutherford Rd. Carlsbad, CA 92008

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